

ABSTRACT

Coating powders having a low curing temperature are comprised of an acid functional acrylic resin having an acid number between about 40 and 220, triglycidyl isocyanurate, and a curing catalyst comprising tetrabutyl ammonium bromide. Such
5 coating powders have a stoichiometry of acid groups to epoxy groups of between about 0.5 and 2.0.

Low curing temperature coating powders comprising an acrylic resin, a polyester resin, an epoxy functional crosslinking agent, and a curing catalyst exhibit good flexibility properties following application to a substrate and curing. Good flexibility
10 may also be achieved by incorporating blended epoxy crosslinking agents into acrylic resins alone or into blended acrylic and polyester resins. Such blended crosslinking agents should have an epoxy functionality of from about 2 to about 6 and an equivalent weight of from about 100 to about 700.

15

20

25